

II. Listing of Claims

Please amend the claims as follows:

1. (Currently Amended) A crash sensor arrangement ~~in~~ for a motor vehicle defining a central longitudinal axis extending between the front and the rear of the vehicle, the crash sensor arrangement including comprising a first set of sensors comprising respective sensor sensors on each side of the vehicle spaced from the longitudinal axis, each of the sensors sensor being an accelerometer having a predetermined sensing axis, each of the sensors sensor being mounted on the vehicle close to the outer skin of the vehicle and at a first longitudinal position relative to the longitudinal axis such that the sensing axis of each of the sensors sensor makes forms a predetermined angle to the longitudinal axis of the vehicle, the predetermined angle being between 30° and 60°, or between –30° and –60°, the sensing axes of the sensors being mirror symmetrical to each other relative to the longitudinal axis of the vehicle, so that at the said first longitudinal position there are ~~only~~ said two of the respective sensors, the sensing axes of the two sensors extending in different directions.
2. The crash sensor ~~An~~ arrangement according to Claim 1 wherein the predetermined angle is between 40° and 50°, or between –40° and –50°.
3. The crash sensor ~~An~~ arrangement according to Claim 1 wherein the predetermined angle is substantially 45°, or –45°.

4. The crash sensor An arrangement according to ~~any one of the preceding Claims 1~~ wherein the sensing axes of the sensors are directed in a positive angular direction forwardly and outwardly of the vehicle.
5. An The crash sensor arrangement according to ~~any one Claims Claim 1 to 3~~ wherein the sensing axes are directed in a negative angular direction rearwardly and outwardly of the vehicle.
6. An The crash sensor arrangement according to ~~any one of the preceding Claims Claim 1~~ wherein the sensors are mounted on the vehicle adjacent the "B" posts of the vehicle.
7. An The crash sensor arrangement according to ~~any one of Claims Claim 1 to 5~~ wherein the first set of sensors are mounted on the vehicle adjacent the "C" posts of the vehicle.
8. An The crash sensor arrangement according to ~~any one of the preceding Claims Claim 1~~ wherein the vehicle is additionally provided with a second set of sensors comprising two further crash sensors, mounted on respective sides of the vehicle at a second longitudinal position relative to the longitudinal axis spaced from the first longitudinal position.
9. An The crash sensor arrangement according to Claim 8 wherein each further of the crash sensor sensors of the second set of sensors is a contact sensor.

10. An The crash sensor arrangement according to Claim 8 wherein each ~~further~~ crash sensor of the second set of sensors is an accelerometer located close to the outer skin of the vehicle, the sensing axis of each of the sensors of the second set of sensors being mirror symmetrical to each other relative to the longitudinal axis, but also extending in directions which differ from the ~~directions of the axis~~ sensing axes of the sensors of the first set of sensors.

11. An The crash sensor arrangement according to Claim 10 wherein the accelerometer of each sensor of the second set of sensors has a sensing axis which extends substantially perpendicularly to the longitudinal axis of the vehicle.

12. An The crash sensor arrangement according to ~~any one Claims~~ Claim 8 to 11 wherein each sensor of the second set of sensors is mounted on the vehicle adjacent an "A" post of the vehicle.

13. An The crash sensor arrangement according to ~~any one Claims~~ Claim 8 to 11 wherein each sensor of the second set of sensors is mounted in a door of the vehicle.

14. An The crash sensor arrangement according to ~~any one of the preceding~~ Claims Claim 1 wherein the vehicle is further provided with at least one front sensor.

15. An The crash sensor arrangement according to ~~any one of the preceding Claims~~ Claim 1 wherein the vehicle is further provided with two front sensors.
16. An The further crash sensor arrangement according to ~~Claims~~ Claim 14 or Claim 15 wherein the ~~or each~~ front sensor is a contact sensor.
17. An The crash sensor arrangement according to Claim 14 or ~~Claim 15~~ wherein the ~~or each~~ front sensor is an accelerometer.
18. An The crash sensor arrangement according to Claim 17 14 wherein the sensing axis of ~~each~~ the accelerometer forming a front sensor is substantially aligned with the longitudinal axis of the vehicle.
19. An The crash sensor arrangement according to Claim 17 15 wherein the sensing axis of each accelerometer forming a front sensor is between 30° and 60°, or between –30° and –60° relative to the longitudinal axis of the vehicle, the axis axes of the front sensors being mirror symmetric relative to the longitudinal axis.
20. An The crash sensor arrangement according to ~~any one of the preceding Claims~~ Claim 1 wherein a central control unit is provided to receive signals from the sensors and to control the deployment or actuation of one or more safety devices within the vehicle.

21. An The crash sensor arrangement according to ~~any one of the preceding~~
~~Claims~~ Claim 1 wherein ~~all~~ each of the sensors ~~are~~ is located close to the outer skin
of the vehicle.